

Risk Baseline					
Project		112 Replace Generator		Date	1/30/2012
Completed By:					
Complete risk analysis as part of the scope of Design Services and to be updated throughout design of project at design programming, schematics, 35% CD's and 95% CD's and precon.					
	Project Risk	Impact (List issue(s) to be addressed)	Probability /Impact H, M, or L	Measures taken to Resolve or Mitigate	A/E to Include Measures in Design/SOW
1	What utilities are involved and what will utilities affect?				
a	Medical Gas	no			
b	Water	no			
c	HTHW	Yes - E power outage will take down HTHW for entire med center			Yes
d	Steam	Yes - E-power outage will take down Steam for entire med center			Yes
e	Power Indicate if CR, LS, Q, or Normal	CR Power: yes - disable ATS to connect new generator (4 hours) Yes - switchboard outages Possibly during XFMR replacement, if needed			Yes
f	Fire Alarm	Yes - demo and deprogram old Kidde system in Lab area			Yes
g	Data/Telephone	Yes - data line for connection of new metering Yes - telephone during construction			Yes
h	HVAC	Yes - inside boiler building to connect modified cooling and ventilation system			Yes
i	Wireless	NA			
j	Sprinkler System	NA			
k	Pneumatic Tube	NA			
2	What type of other outages are anticipated?	none			
3	What are adjacencies to construction?	none			
4	Is the project close enough or operations disruptive enough to affect critical/sensitive areas of operation in the hospital, (ICU, Cath Lab, OR, Pain Clinic, ER, Imaging, Dialysis, Audiology, Oncology, Lab, etc	no			
5	Where will ancillary work be located?	Upper Mezzanine possible location			Yes
6	Will/How ancillary work affect patient Care?	NA			
7	Are there moves to patients or staff involved?	No			
a	Will they affect start of project?	NA			

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b	If patient services are affected how will this be handled?	NA			
c	Will staff correspondence need to be changed due to relocations or renovations?	NA			
8	Patient Safety issues? Addressed?	Yes - E-power for HTHW and Steam			Yes
9	What are the hours of work for main project area?	24/7			Yes
10	What are the hours of work for the ancillary areas?	Same as main project			Yes
11	Is way finder signage required? Is replacement of exiting signs required? New rooms signs?	No			
12	What is the FCP for the project and FY.	6985			Yes
13	Where do you get funds for changes?	FY 2012 Funds			Yes
14	Has the time table been verified by the contractor (CPM)?	Not at this time			
15	Weather, need to verify seasonal schedule and working conditions.	Yes - No outages during inclement weather			Yes
16	Energy, Focus on Energy: Part of the design; equipment and materials – timeliness and impacts to schedule.	Yes - included in WBS			Yes
17	Staging				
a	Large pieces of equipment and sections of AHU both new and demo, where will they be staged?	yes, but plenty of room for outdoor staging of new equipment; ample indoor storage for new switchgear			Yes
b	Job trailer required?	Yes, and temporary facilities			Yes
18	Security				
a	Jobsite security - electronic badge, key	Use existing system			
b	Special contractor access required - separate key in SAMS box, badges,	No			
c	Off hours access	No problem			
19	Fire Safety Review	Required - see WBS		Date to FP&C - _____ Comments Received - _____	
20	ISO Appendix A	Required - see SOW		Project Manager to fill out and submit to Contracting	
21	Will there be demolition/construction waste? (all waste must be diverted from landfill and recycled whenever possible)	Yes, some refurbish, some scrap, some waste disposal			

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a	Does the project involve or generate any of the following: Air Emissions including GHGs ACM Utility Modification Soil Disturbance Water Treatment Petroleum Storage Hazardous Waste Radioactive Waste Mixed Waste RCRA or CERCLA Wetlands Permits Aesthetics Disturbance of Historic District Biological Resources	Environmental Review of Federal Action: Air Emissions including GHGs - <b>Design to address</b> ACM - none Utility Modification - yes Soil Disturbance - yes Water Treatment - no Petroleum Storage - yes Hazardous Waste - no Radioactive Waste - no Mixed Waste - no RCRA or CERCLA - RCRA UST requirements Wetlands - no Permits - air Aesthetics - yes Disturbance of Historic District - no Biological Resources - no			
22	Will there be space needed for waste collection/recycling segregation?				
23	AE - Submittal Log	AE - Create Log AE - Determine Submittal's required before work can start AE - Determine submittal review time required before work can start		AE to combine construction duration and submittal review time to determine overall contract completion.	
24	NTP - Submittal Log	Contractor - Verify Log Contractor - Verify at Precon Submittal's required before work can start and long lead time materials Contractor - Determine Work Start Date and provide notification of work start date and area based on submittal review time			
25	AE - Heat Detectors in Construction Space	AE to design initial layout based on: - 25 ft centers - common corridors - wire in series, tie into flow switch		AE to design. Plans to note "contractor to maintain and modify as needed".	
26	Construction Personnel are oriented to the following: • Need ID Badge • Safety, emergency response • HIPPA, privacy rights • Infection control • ILSM criteria				